

IN THE CLAIMS:

Please amend the claims as follows. The claims are in the format as required by 35 C.F.R. § 1.121.

1. Cancelled
2. (Currently Amended) A system, comprising:
a tuner adapted to receive a signal;
a video display physically separate from the tuner;
a first ~~time modulated ultra-wideband (TM-UWB)~~ ultra-wideband (UWB) transceiver, coupled to the tuner, to wirelessly transmit the signal received by the tuner to a second ~~TM-UWB~~ UWB transceiver;
wherein the second ~~TM-UWB~~ UWB transceiver is coupled to the video display and receives the signal transmitted by first ~~TM-UWB~~ UWB transceiver to thereby drive the video display using the received signal.
3. (Currently Amended) The system of claim 2, wherein the first ~~TM-UWB~~ UWB transceiver is adapted to transmit the signal as a time modulated ultra-wideband impulse signal.
4. (Previously Presented) The system of claim 3, wherein the tuner and the video display are separated from one another by at least one wall.
5. (Currently Amended) The system of claim 42, wherein the signal comprises a digital video signal.
6. (Currently Amended) The system of claim 42, wherein the signal comprises an analog video signal.
7. (Currently Amended) The system of claim 42, wherein the signal comprises an audio/video signal.

8. (Currently Amended) The system of claim 6, further comprising a speaker, coupled to the second ~~TM-UWB~~ UWB transceiver, that is driven by the signal received by the second ~~TM-UWB~~ UWB transceiver.

9. (Currently Amended) In a system including a tuner coupled to a first ~~time-modulated ultra-wideband (TM-UWB)~~ ultra-wideband (UWB) transceiver and a video display physically separate from the tuner, the video display coupled to a second ~~TM-UWB~~ UWB transceiver, a method comprising the steps of:

receiving a signal at the tuner;
transmitting the signal from the first ~~TM-UWB~~ UWB transceiver to the second ~~TM-UWB~~ UWB transceiver as a ~~TM-UWB impulse~~ UWB signal;
receiving the signal at the second ~~TM-UWB~~ UWB transceiver; and
driving the display with the signal received at the second ~~TM-UWB~~ UWB transceiver.

10. (Currently Amended) The method of claim 9, further comprising the steps of:
compressing the signal received at the tuner prior to transmitting the signal from the first ~~TM-UWB~~ UWB transceiver to the second ~~TM-UWB~~ UWB transceiver; and
decompressing the signal received at the second ~~TM-UWB~~ UWB transceiver prior to driving the display.

11. (Previously Presented) The method of claim 9, wherein the signal comprises a digital video signal.

12. (Previously Presented) The method of claim 9, wherein the signal comprises an analog video signal.

13. (Previously Presented) The method of claim 9, wherein the signal comprises an audio/video signal.

14. (Currently Amended) The method of claim 13, further comprising the step of:
driving a speaker coupled to the second ~~TM-UWB~~ UWB transceiver.

15. (Currently Amended) The method of claim 9, further comprising the step of establishing a full duplex wireless communication link between the first ~~TM-UWB~~ UWB transceiver and the second ~~TM-UWB~~ UWB transceiver prior to transmitting the signal from the first ~~TM-UWB~~ UWB transceiver to the second ~~TM-UWB~~ UWB transceiver.

16. (Currently Amended) The method of claim 15, wherein the wireless communication link supports a higher transmission rate from the first ~~TM-UWB~~ UWB transceiver to the second ~~TM-UWB~~ UWB transceiver than the wireless communication link supports from second ~~TM-UWB~~ UWB transceiver to the first ~~TM-UWB~~ UWB transceiver.

17. (Currently Amended) The method of claim 16, further comprising the steps of:
receiving an information source identifier from a user;
transmitting the information source identifier from the second ~~TM-UWB~~ UWB transceiver to the first ~~TM-UWB~~ UWB transceiver via the wireless communication link;
receiving the signal at the tuner from a source identified by the information source identifier; and
transmitting the signal from the first ~~TM-UWB~~ UWB transceiver to the second ~~TM-UWB~~ UWB transceiver via the wireless communication link.

18. (Currently Amended) The method of claim 17, further comprising the step of:
maintaining link quality of the wireless communication link by transmitting control signals from the second ~~TM-UWB~~ UWB transceiver to the first ~~TM-UWB~~ UWB transceiver via the wireless communications link.

19. (New) A system, comprising
a tuner adapted to receive a signal;
a video display physically separate from the tuner;
a first UWB transceiver;
a second UWB transceiver coupled to the video display and operable to receive a signal to thereby drive the video display ;
a third UWB transceiver, coupled to the tuner, operable to determine the position of the second UWB transceiver based on the first UWB transceiver and the second UWB transceiver,

and transmit the signal to the second transceiver based on the position of the second UWB transceiver.

20. (New) The system of claim 19, wherein the third UWB transceiver is operable to transmit the signal as a time-modulated ultra-wideband impulse signal.

21. (New) The system of claim 19, wherein the third UWB transceiver is further operable to transmit the signal to the second UWB transceiver based on an identity of the second UWB transceiver.

22. (New) The system of claim 21, wherein the third UWB transceiver determines the identity of the second UWB transceiver using a key.

22. (New) The system of claim 19, wherein the signal is compressed by the third UWB transceiver and decompressed by the second UWB transceiver.